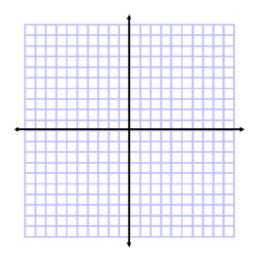
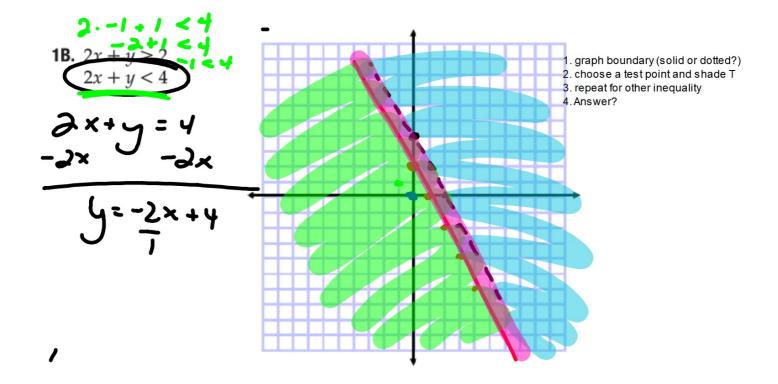
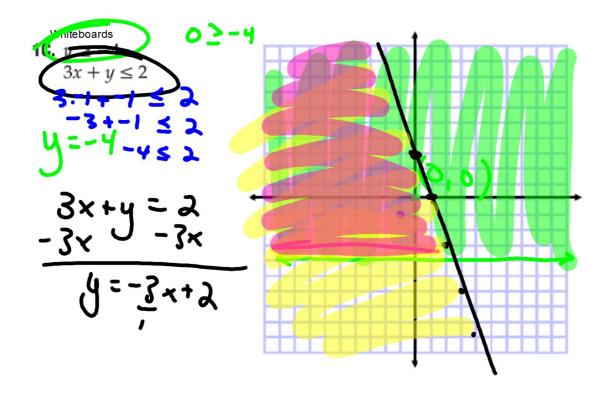
Algebra 1 6.6
Solve systems of linear inequalities by graphing * Ch. 5.6
Apply systems of linear inequalities

linear inequality*
system
boundary
open

Closed
y= k (horizontal)
x= k (vertical)
whiteboards

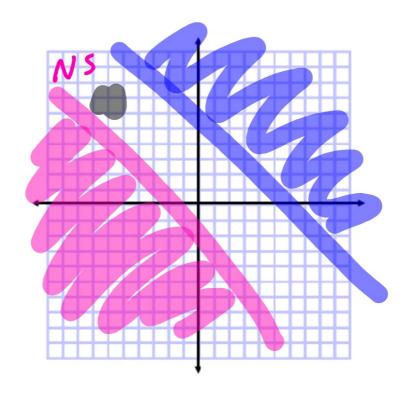






1D.
$$x + y > 2$$

 $-4x + 2y < 8$

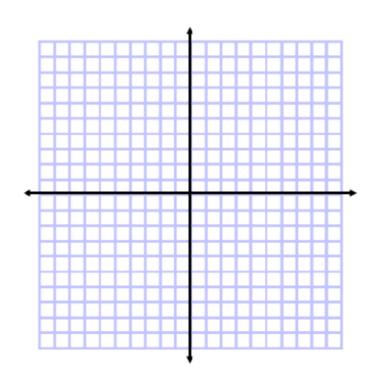


Example 2 No Solution

Solve the system of inequalities by graphing.

$$3x - y \ge 2$$

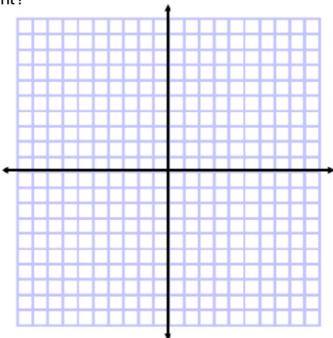
$$3x - y \ge 2$$
$$3x - y < -5$$



How is this problem different?

GuidedPractice

2A. y > 3y < 1



2B.
$$x + 6y \le 2$$
 $y \ge -\frac{1}{6}x + 7$

